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 NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2   "Ask CAS" for self-help around the clock
 NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
 NEWS 4 OCT 03 MATHDI removed from STN
 NEWS 5 OCT 04 CA/CAplus-Canadian Intellectual Property Office (CIPO) added
                   to core patent offices
 NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
 NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
                   of CAplus documents for use in third-party analysis and
                   visualization tools
 NEWS 8 OCT 27 Free KWIC format extended in full-text databases
 NEWS 9 OCT 27 DIOGENES content streamlined
 NEWS 10 OCT 27 EPFULL enhanced with additional content
 NEWS 11 NOV 14 CA/CAplus - Expanded coverage of German academic research
 NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
                   spectral property data
 NEWS 13 DEC 05 CASREACT(R) - Over 10 million reactions available
 NEWS 14 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
 NEWS 15 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
 NEWS 16 DEC 14 CA/CAplus to be enhanced with updated IPC codes
 NEWS 17 DEC 16 MARPATprev will be removed from STN on December 31, 2005
 NEWS 18 DEC 21 IPC search and display fields enhanced in CA/CAplus with the
                   IPC reform
 NEWS 19 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2

 NEWS EXPRESS   DECEMBER 02 CURRENT VERSION FOR WINDOWS IS V8.01,
                CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 02 DECEMBER 2005.
                V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
                http://download.cas.org/express/v8.0-Discover/

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FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                      ENTRY   SESSION

FILE 'MEDLINE' ENTERED AT 14:21:09 ON 23 DEC 2005

FILE 'AGRICOLA' ENTERED AT 14:21:09 ON 23 DEC 2005

FILE 'CABA' ENTERED AT 14:21:09 ON 23 DEC 2005
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```
=> s (da costa e silva, o? or da costa e silva o?)/au
L1          52 (DA COSTA E SILVA, O? OR DA COSTA E SILVA O?)/AU

=> s (bohnert, h? or bohnert h?)/au
L2        1101 (BOHNERT, H? OR BOHNERT H?)/AU

=> s (thielen, n? or thielen n?)/au
L3           0 (THIELEN, N? OR THIELEN N?)/AU

=> s (chen, r? or chen r?)/au
L4       12889 (CHEN, R? OR CHEN R?)/AU

=> s (van thielen, n? or van thielen n?)/au
L5          21 (VAN THIELEN, N? OR VAN THIELEN N?)/AU

=> s l1 and l2 and l4 and l5
L6          10 L1 AND L2 AND L4 AND L5

=> duplicate remove l6
DUPLICATE PREFERENCE IS 'CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE?   Y/(N):n
PROCESSING COMPLETED FOR L6
L7          10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

=> d l7 1-10 ti
```

L7   ANSWER 1 OF 10   BIOSIS   COPYRIGHT (c) 2005 The Thomson Corporation   on STN
TI   Phosphatase stress-related proteins and methods of use in plants.

L7   ANSWER 2 OF 10   BIOSIS   COPYRIGHT (c) 2005 The Thomson Corporation   on STN
TI   Signal transduction stress-related proteins and methods of use in plants.

L7   ANSWER 3 OF 10   BIOSIS   COPYRIGHT (c) 2005 The Thomson Corporation   on STN
TI   Cell cycle stress-related proteins and methods of use in plants.

L7   ANSWER 4 OF 10   BIOSIS   COPYRIGHT (c) 2005 The Thomson Corporation   on STN
TI   GTP binding stress-related proteins and methods of use in plants.

L7   ANSWER 5 OF 10   BIOSIS   COPYRIGHT (c) 2005 The Thomson Corporation   on STN
TI   Transcription factor stress-related proteins and methods of use in plants.

L7   ANSWER 6 OF 10   CAPLUS   COPYRIGHT 2005 ACS on STN
TI   Transgenic plants expressing protein phosphatase stress-related
        polypeptides for stress resistance

L7   ANSWER 7 OF 10   CAPLUS   COPYRIGHT 2005 ACS on STN
TI   Protein and cDNA sequence of Physcomitrella patens protein kinase
        stress-related proteins and uses in plants for increased tolerance to
        environmental stresses

TI   Protein and cDNA sequence of Physcomitrella patens signal transduction
      stress-related proteins and uses in plants for increased tolerance to
      environmental stresses

TI   Protein and cDNA sequence of Physcomitrella patens cell cycle
      stress-related proteins and uses in plants for increased tolerance to
      environmental stresses

TI   Transgenic plants expressing GTP-binding stress-related protein (GBSRP)
      genes for increased tolerance of environmental stress

=> d l7 4,10 bib

AN   2004:151719   BIOSIS
DN   PREV200400154748
TI   GTP binding stress-related proteins and methods of use in plants.
AU   **da Costa e Silva, Oswaldo** [Inventor, Reprint Author];
      Bohnert, Hans J. [Inventor]; **van Thielen, Nocha**
      [Inventor]; **Chen, Rouying** [Inventor]
CS   Apex, NC, USA
      ASSIGNEE: BASF Plant Science GmbH, Ludwigshafen, Germany
PI   US 6689939 20040210
SO   Official Gazette of the United States Patent and Trademark Office Patents,
      (Feb 10 2004) Vol. 1279, No. 2. http://www.uspto.gov/web/menu/patdata.html
      . e-file.
      ISSN: 0098-1133 (ISSN print).
DT   Patent
LA   English
ED   Entered STN: 17 Mar 2004
      Last Updated on STN: 17 Mar 2004

AN   2001:763049   CAPLUS
DN   135:316057
TI   Transgenic plants expressing GTP-binding stress-related protein (GBSRP)
      genes for increased tolerance of environmental stress
IN   **Da Costa e Silva, Oswaldo; Bohnert, Hans J.; Van**
      Thielen, Nocha; Chen, Ruoying
PA   BASF Plant Science G.m.b.H., Germany
SO   PCT Int. Appl., 103 pp.
      CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001077161	A2	20011018	WO 2001-US11291	20010406
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      W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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          HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
          LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
          RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
          VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
      RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
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          BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CA 2405708	AA	20011018	CA 2001-2405708	20010406
	US 2002066124	A1	20020530	US 2001-828310	20010406
	US 6689939	B2	20040210		
	US 2002069432	A1	20020606	US 2001-828447	20010406
	US 6720477	B2	20040413		
	CA 2405697	AA	20020613	CA 2001-2405697	20010406

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WO 2002046442        A2      20020613     WO 2001-US11253          20010406
WO 2002046442        A3      20030612
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            CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
            HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
            LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
            RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
            VN, YU, ZA, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG,
            KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
            IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
            GW, ML, MR, NE, SN, TD, TG
AU 2002043190        A5      20020618     AU 2002-43190            20010406
US 2002102695        A1      20020801     US 2001-828303           20010406
US 6677504           B2      20040113
US 2002152502        A1      20021017     US 2001-828302           20010406
US 6818805           B2      20041116
EP 1294912           A2      20030326     EP 2001-928388           20010406
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            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2003097675        A1      20030522     US 2001-828062           20010406
US 6710229           B2      20040323
EP 1335986           A2      20030820     EP 2001-989068           20010406
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, FI, CY, TR
US 2004194163        A1      20040930     US 2003-688481           20031017
US 2004107463        A1      20040603     US 2003-716089           20031118
US 2004148658        A1      20040729     US 2004-764259           20040123
US 2004128721        A1      20040701     US 2004-768511           20040130
US 2004216183        A1      20041028     US 2004-770225           20040202
PRAI US 2000-196001P     P       20000407
     US 2001-828062      A3      20010406
     US 2001-828302      A3      20010406
     US 2001-828303      A3      20010406
     US 2001-828310      A3      20010406
     US 2001-828447      A3      20010406
     WO 2001-US11253     W       20010406
     WO 2001-US11291     W       20010406


=> d his


     (FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005)


     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     14:21:09 ON 23 DEC 2005
L1         52 S (DA COSTA E SILVA, O? OR DA COSTA E SILVA O?)/AU
L2       1101 S (BOHNERT, H? OR BOHNERT H?)/AU
L3          0 S (THIELEN, N? OR THIELEN N?)/AU
L4      12889 S (CHEN, R? OR CHEN R?)/AU
L5         21 S (VAN THIELEN, N? OR VAN THIELEN N?)/AU
L6         10 S L1 AND L2 AND L4 AND L5
L7         10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

=> s l1 or l2 or l4 or l5
L8      14013 L1 OR L2 OR L4 OR L5

=> s l8 not l6
L9      14003 L8 NOT L6

=> s l9 and gtp(w)binding(w)protein
L10         3 L9 AND GTP(W) BINDING(W) PROTEIN

=> d l10 1-3 ti

L10  ANSWER 1 OF 3     MEDLINE on STN
TI   Brk activates rac1 and promotes cell migration and invasion by
     phosphorylating paxillin.
```

TI   Cloning of a down-regulated gene encoding small **GTP
      binding protein** in hybrid wheat

TI   Human nucleic acids and polypeptides

=> d his

      (FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005)

      FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
      14:21:09 ON 23 DEC 2005
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L5   21 S (VAN THIELEN, N? OR VAN THIELEN N?)/AU
L6   10 S L1 AND L2 AND L4 AND L5
L7   10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8   14013 S L1 OR L2 OR L4 OR L5
L9   14003 S L8 NOT L6
L10   3 S L9 AND GTP(W)BINDING(W)PROTEIN

=> s gtp(w)binding(w)protein(s)physcomitrella
L11   0 GTP(W) BINDING(W) PROTEIN(S) PHYSCOMITRELLA

=> s gtp(w)binding(w)protein and physcomitrella
L12   1 GTP(W) BINDING(W) PROTEIN AND PHYSCOMITRELLA

=> d l12 ti

L12   ANSWER 1 OF 1   MEDLINE on STN
TI   Hydrogen peroxide triggers nuclear export of telomerase reverse
      transcriptase via Src kinase family-dependent phosphorylation of tyrosine
      707.

=> d l12 kwic

L12   ANSWER 1 OF 1   MEDLINE on STN
CT   .   .   .   metabolism
       Plasmids: ME, metabolism
       Precipitin Tests
       Protein Transport
       Research Support, Non-U.S. Gov't
      *Telomerase: ME, metabolism
       Time Factors
      *Tyrosine: ME, metabolism
         ran GTP-Binding Protein: ME, metabolism
      *src-Family Kinases: ME, metabolism
CN   0 (DNA-Binding Proteins); 0 (PP1 protein, **Physcomitrella**
      patens); 0 (Plant Proteins); 0 (Plasmids); EC 2.7.1.112 (src-Family
      Kinases); EC 2.7.7.- (Telomerase); EC 2.7.7.- (telomerase reverse
      transcriptase); EC 3.6.1.- (ran **GTP-Binding
      Protein**)

=> d l12 bib

L12   ANSWER 1 OF 1   MEDLINE on STN
AN   2003281272   MEDLINE
DN   PubMed ID: 12808100
TI   Hydrogen peroxide triggers nuclear export of telomerase reverse
      transcriptase via Src kinase family-dependent phosphorylation of tyrosine
      707.
AU   Haendeler Judith; Hoffmann Jorg; Brandes Ralf P; Zeiher Andreas M;
      Dimmeler Stefanie

=> d his

        (FILE 'HOME' ENTERED AT 14:20:56 ON 23 DEC 2005)

        FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
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L1   52 S (DA COSTA E SILVA, O? OR DA COSTA E SILVA O?)/AU
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L4   12889 S (CHEN, R? OR CHEN R?)/AU
L5   21 S (VAN THIELEN, N? OR VAN THIELEN N?)/AU
L6   10 S L1 AND L2 AND L4 AND L5
L7   10 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8   14013 S L1 OR L2 OR L4 OR L5
L9   14003 S L8 NOT L6
L10   3 S L9 AND GTP(W)BINDING(W)PROTEIN
L11   0 S GTP(W)BINDING(W)PROTEIN(S)PHYSCOMITRELLA
L12   1 S GTP(W)BINDING(W)PROTEIN AND PHYSCOMITRELLA

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   51.83   52.04

STN INTERNATIONAL LOGOFF AT 14:27:35 ON 23 DEC 2005